Catalogue No: D7M-LF4

PUSHBUTTON 22.5mm METAL FLUSH ILLUM RED

Operator Control Devices > Pushbuttons and Control Switches > Pushbuttons and Pilot Lights > Sprecher + Schuh D7 Pushbuttons and Pilot Lights > D7 Momentary Pushbuttons > D7 Flush Momentary Pushbuttons





Button metal flush illuminated momentary Red

- D7 pilot devices offer maximum flexibility and a wide choice for all 22.5mm operator applications with all type (e-stops, selector switches, pushbuttons, pilot lights and more), colour and contact configurations.
- Aesthetically appealing and modularly designed to make assembly and interchangeability easy.
- Operators exhibit low profile and stylish appearance while maintaining the rugged performance necessary for demanding environments
- D7P is a plastic operator with a captive black plastic front bezel. Constructed of high-grade thermoplastics, the D7P is suitable for almost all environments and strong chemical resistance.
- D7M has a die-cast zinc housing and mounting ring for rugged durability. Finished with corrosion resistant chrome plating, the D7M also features a captive shiny metal bezel for a polished appearance.

Representative Photo Only
(actual product may vary based on configuration selections)

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Component Type Pushbutton and Pilot LightsPushbutton Fush, Illuminated typeOperator TypePushbutton, Fush, Illuminated typeOperator ActionMomentary actionDiameter, Operator29.6 mmColour, OperatorRed colourOperator Insert TypeRed insertMaterial, BezelZincCoupling Plate IncludedNo Y / NDiameter, Mounting Hole(s)22.5 mmContact Block IncludedNoIlluminatedYes Y / NLamp Module Included50000 cyclesElectrical Service Life at Un, In500000 cyclesCet MarkedYesOperator Temperature, Max70 °C maxOperator Temperature, Max70 °C maxOperator Temperature, Max50 %RHRelative humidity, Max95 %RHIllumindity, Max, I50 %RHRelative humidity, Max, I10 gShock Duration (Max.)10 m/s ²	SPECIFICATIONS	
Operator ActionMomentary actionDiameter, Operator29.6 mmColour, OperatorRed colourOperator Insert TypeRed insertMaterial, BezelZincCoupling Plate IncludedNo Y / NDiameter, Mounting Hole(s)22.5 mmContact Block IncludedNoIlluminatedYes Y / NLamp Module IncludedNoTightening Torque, Nominal4.4 MmElectrical Service Life at Un, In500000 cyclesMechanical Service Life at Un, In10000000 cyclesCotrating Temperature, Max70 °C maxOperating Temperature, Max55 °C minStorage Temperature, Min-25 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66 PersitingShock Acceleration (Max.)11 ms	Component Type Pushbutton and Pilot Lights	Pushbutton
Diameter, Operator29.6 mmColour, OperatorRed colourOperator Insert TypeRed insertMaterial, BezelZincCouging Plate IncludedNo Y / NDiameter, Mounting Hole(s)22.5 mmContact Block IncludedNoIlluminatedYes Y / NLamp Module IncludedNoIlluminatedYes Y / NElectrical Service Life at Un, In500000 cyclesMechanical Service Life at Un, In500000 cyclesRohkadYesCE MarkedYesOperating Temperature, Max50 °C maxStorage Temperature, Min-25 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP665Shock Acceleration (Max.)11 ms	Operator Type	Pushbutton, Flush, Illuminated type
Colour, OperatorRed colourOperator Insert TypeRed insertMaterial, BezelZincCoupling Plate IncludedNo Y / NDiameter, Mounting Hole(s)22.5 mmContact Block IncludedNoIlluminatedYes Y / NLamp Module IncludedNoTightening Torque, Nominal4.4 NmElectrical Service Life at Un, In500000 cyclesMechanical Service Life at Un, In5000000 cyclesRoHS ApprovedYesCe MarkedYesOperating Temperature, Max85 °C maxStorage Temperature, Min50 %RHRelative Humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66Shock Acceleration (Max.)11 ms	Operator Action	Momentary action
Operator Insert TypeRed insertMaterial, BezelZincCoupling Plate IncludedNo Y / NDiameter, Mounting Hole(s)22.5 mmContact Block IncludedNoIlluminatedYes Y / NLamp Module IncludedNoTightening Torque, Nominal4.4 NmElectrical Service Life at Un, In500000 cyclesMechanical Service Life at Un, In10000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Min50 %RHRelative Humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66 IP65Shock Acceleration (Max.)100 gShock Duration (Max.)11 ms	Diameter, Operator	29.6 mm
Material, BezelZincCoupling Plate IncludedNo Y / NDiameter, Mounting Hole(s)22.5 mmContact Block IncludedNoIlluminatedYes Y / NLamp Module IncludedNoTightening Torque, Nominal4.4 NmElectrical Service Life at Un, In500000 cyclesMechanical Service Life at Un, In10000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Min50 %RHRelative Humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66Shock Acceleration (Max.)100 gShock Duration (Max.)11 ms	Colour, Operator	Red colour
Coupling Plate IncludedNo Y / NDiameter, Mounting Hole(s)22.5 mmContact Block IncludedNoIlluminatedYes Y / NLamp Module IncludedNoTightening Torque, Nominal4.4 NmElectrical Service Life at Un, In500000 cyclesMechanical Service Life at Un, In10000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Min50 %RHRelative Humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66Shock Acceleration (Max.)100 gShock Duration (Max.)11 ms	Operator Insert Type	Red insert
Diameter, Mounting Hole(s)22.5 mmContact Block IncludedNoIlluminatedYes Y/NLamp Module IncludedNoTightening Torque, Nominal4.4 NmElectrical Service Life at Un, In500000 cyclesMechanical Service Life at Un, In000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Min50 %RHRelative humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66 P65Shock Acceleration (Max.)11 ms	Material, Bezel	Zinc
Contact Block IncludedNoIlluminatedYes Y / NLamp Module IncludedNoTightening Torque, Nominal4.4 NmElectrical Service Life at Un, In500000 cyclesMechanical Service Life at Un, In10000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Min50 %RHRelative Humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66 IP65Shock Acceleration (Max.)11 ms	Coupling Plate Included	No Y/N
IlluminatedYes Y/NLamp Module IncludedNoTightening Torque, Nominal4.4 NmElectrical Service Life at Un, In500000 cyclesMechanical Service Life10000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Min50 %RHRelative Humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66 IP65Shock Acceleration (Max.)11 ms	Diameter, Mounting Hole(s)	22.5 mm
Lamp Module IncludedNoTightening Torque, Nominal4.4 NmElectrical Service Life at Un, In500000 cyclesMechanical Service Life at Un, In10000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Min-25 °C minStorage Temperature, Min50 %RHRelative humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66 IP65Shock Acceleration (Max.)100 gShock Duration (Max.)11 ms	Contact Block Included	No
Tightening Torque, Nominal4.4 NmElectrical Service Life at Un, In500000 cyclesMechanical Service Life1000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min50 %RHRelative humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66 IP65Shock Acceleration (Max.)100 gShock Duration (Max.)11 ms	Illuminated	Yes Y/N
Electrical Service Life at Un, In500000 cyclesMechanical Service Life1000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min-25 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66 IP65Shock Acceleration (Max.)100 gShock Duration (Max.)11 ms	Lamp Module Included	No
Mechanical Service Life1000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min-25 °C minRelative humidity, min50 %RHRelative humidity, Max95 %RHIP RatingIP66 IP65Shock Acceleration (Max.)100 gShock Duration (Max.)11 ms	Tightening Torque, Nominal	4.4 Nm
RoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min-25 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66 IP65Shock Acceleration (Max.)100 gShock Duration (Max.)11 ms	Electrical Service Life at Un, In	500000 cycles
CE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min-25 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66 IP65Shock Acceleration (Max.)100 gShock Duration (Max.)11 ms	Mechanical Service Life	1000000 cycles
Operating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min-25 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66 IP65Shock Acceleration (Max.)100 gShock Duration (Max.)11 ms	RoHS Approved	Yes
Operating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min-25 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66 IP65Shock Acceleration (Max.)100 gShock Duration (Max.)11 ms	CE Marked	Yes
Storage Temperature, Max85 °C maxStorage Temperature, Min-25 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66 IP65Shock Acceleration (Max.)100 gShock Duration (Max.)11 ms	Operating Temperature, Max	70 °C max
Storage Temperature, Min-25 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHIP RatingIP66 IP65Shock Acceleration (Max.)100 gShock Duration (Max.)11 ms	Operating Temperature, Min	-25 °C min
Relative humidity, min 50 %RH Relative Humidity, Max 95 %RH IP Rating IP66 IP65 Shock Acceleration (Max.) 100 g Shock Duration (Max.) 11 ms	Storage Temperature, Max	85 °C max
Relative Humidity, Max 95 %RH IP Rating IP66 IP65 Shock Acceleration (Max.) 100 g Shock Duration (Max.) 11 ms	Storage Temperature, Min	-25 °C min
IP RatingIP66 IP65Shock Acceleration (Max.)100 gShock Duration (Max.)11 ms	Relative humidity, min	50 %RH
IP65 Shock Acceleration (Max.) Shock Duration (Max.) 11 ms	Relative Humidity, Max	95 %RH
Shock Duration (Max.) 11 ms	IP Rating	
	Shock Acceleration (Max.)	100 g
Vibration Acceleration (Max.) 10 m/s ²	Shock Duration (Max.)	11 ms
	Vibration Acceleration (Max.)	10 m/s ²



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Vibration Displacement (Pea	k to Peak Max.)	1.52 mm	
Vibration Frequency, Operational (Max.)		2000 Hz	
Vibration Duration (Max.)		180 min	
Standards Compliance		NEMA ICS-5 UL 508 EN 60947-1 EN 60947-5-1 EN 60947-5-5 EN 418	
Certifications		UL UR CSA CCC CE	
Shipping Approvals		RINA (Registro Italiano Navale) ABS (American Bureau of Shipping) Lloyd's Register of Shipping	
REFERENCES			
IECEx Certificate	-		
Supplier Declaration of Conformity:	-		
Installation Guide:	-		
User Manual:	-		
Manufacturer Datasheet:	Series D7_Manufacturer Datasheet		
Manufacturer Catalogue & Product Selection:	-		

